Plugged & Abandoned - 2/15/78

FILE NOTATIONS

Entered in NID File	..✓.....	Checked by Chief	.....
Location Map Pinned	.....	Approval Letter	..✓.....
Card Indexed	..✓.....	Disapproval Letter	.....

COMPLETION DATA:

[illegible]	2-15-78	Location Inspected	... ...
[illegible]	...✓..	State or Fee Land	.....

LOGS FILED

Driller's Log...✓.....

Electric Logs (No.) ✓.....

..... I..... Dual I Lat..... GR-N..... Micro.....

[illegible] Lat..... Mi-L..... Sonic

ENVIRONMENTAL ENGINEERING COMPANY
Professional Engineering Services

P. O. Box 3341
Casper, Wyoming 82602
Phone (307) 234-1566

1645 Court Place
Suite 204
Denver, Colorado 80202
Phone (303) 892-1505

July 8, 1977

Mr. Edgar W. Guynn, District Engineer
U. S. Geological Survey
8426 Federal Building
Salt Lake City, Utah 84138

Re: Filing NTL-6 & ADP
Form 9-331C
The Anschutz Corporation

✓#1 Federal 335
1880' FNL, 1982' FEL
✓#2 Federal 335
730' FNL, 600' FWL
Both in Sec. 20, T19S,R23E
✓#3 Federal 335
690' FSL, 1610' FEL
✓#4 Federal 335
1980' FNL, 1930' FWL
Both in Sec. 19, T19S,R23E
All in Grand County, Utah

Dear Mr. Guynn:

Enclosed are three copies of the above filings. Two copies are for the U. S. G. S. and one copy is for the B. L. M. Would you please forward the report to the B. L. M. and advise us when it is most convenient to make a ground inspection.

Very truly yours,

George H. Fentress
Agent Consultant
The Anschutz Corporation

GHF/twp
cc: Wayne Pierce
Anschutz

Form 9-331 C
(May 1963)

SUBMIT IN [illegible]PLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-14335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. UNIT AGREEMENT NAME:

b. TYPE OF WELL: OIL WELL ☒ OR GAS WELL ☒ OTHER — SINGLE ZONE ☒ OR MULTIPLE ZONE ☒

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: The Anschutz Corporation

9. WELL NO.: #3-Federal 335

3. ADDRESS OF OPERATOR: 1110 Denver Club Building, Denver, Colorado 80202

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 690' FSL, 1610' FEL NE SW SE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-T19S-R23E

At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 39 miles from Thompson, Utah (Exhibit "E")

12. COUNTY OR PARISH: Grand — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 690' FSL

16. NO. OF ACRES IN LEASE: 874.20

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40 OR 80 (oil) 160 A (gas)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 3910'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5169' ungraded ground elevation

22. APPROX. DATE WORK WILL START*: 15, Aug., 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	180 sacks
7 7/8"	4 1/2"	9.5#	3910'	200 sacks

1. Drill 12 1/4" hole to 200' and set surface casing.
2. Drill 8 5/8" hole to T. D.
3. Log B. O. P. tests daily.
4. Run electric logs; if productive, run 4 1/2" casing.

Exhibits Attached

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blow-out Preventer Diagram
"D" The Multi-point Requirement for A. P. D.
"E" Access Road Map into Location
"F" Radius Map of Wells in Area
"G" Drill Pad Layout, Contours, and Cut-Fill Section
"H" Drill Rig and Production Facilities Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED George H. Fentress — TITLE Agent Consultant for The Anschutz Corporation — DATE July 8, 1977

(This space for Federal or State office use)

PERMIT NO. 43-019-30383 — APPROVAL DATE

APPROVED BY — TITLE — DATE

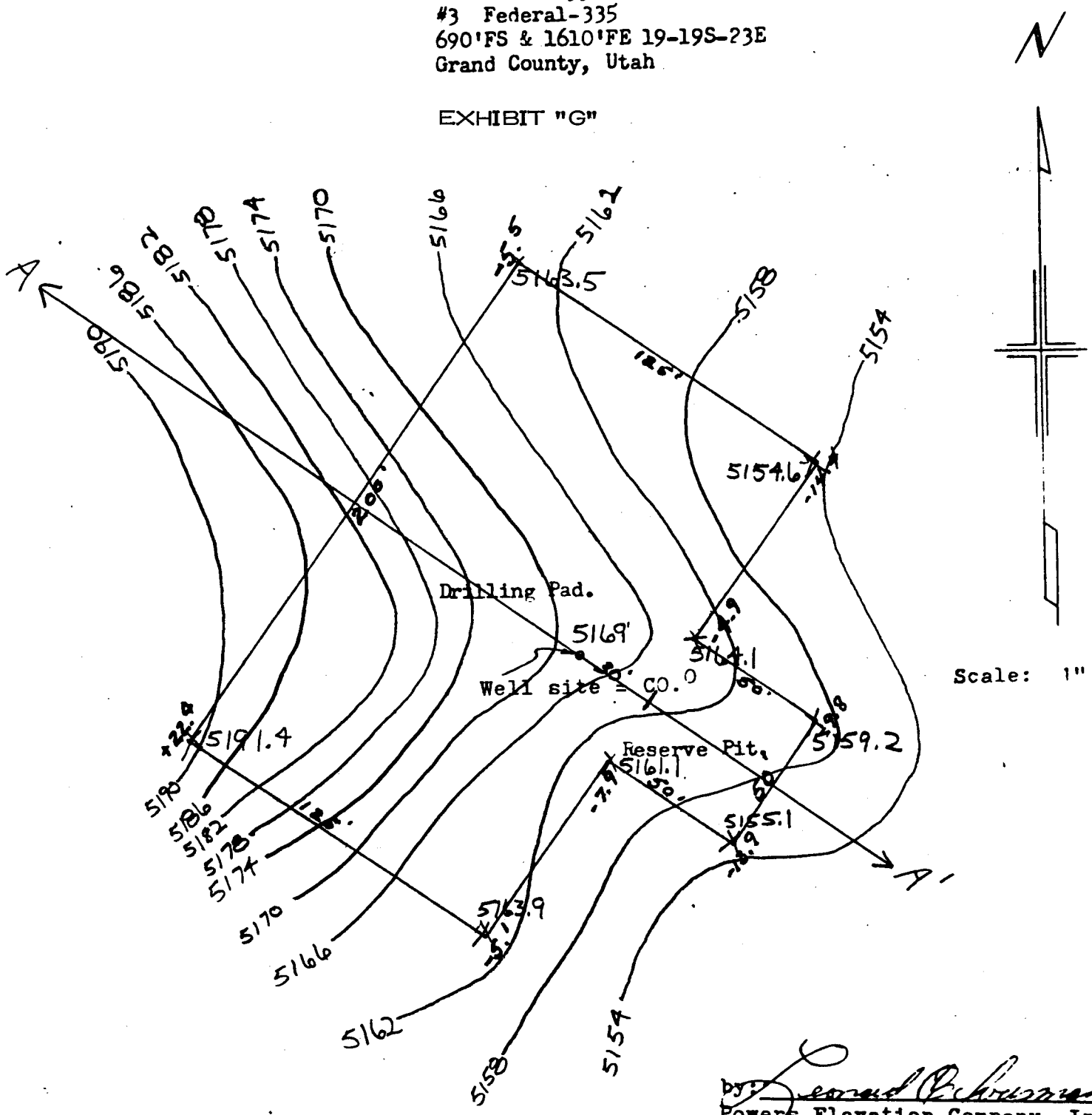
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

TOPOGRAPHIC MAP

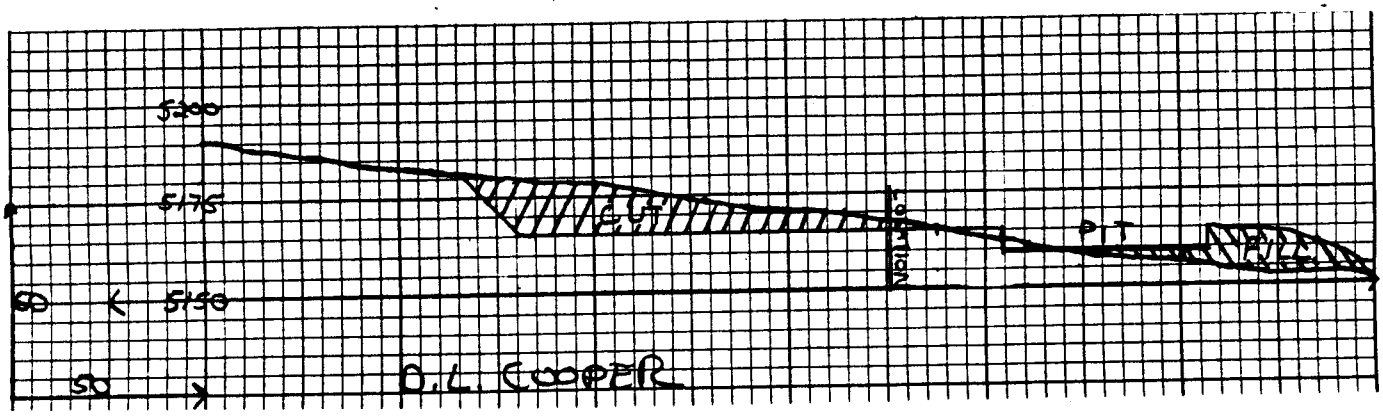
Anschutz Corporation
#3 Federal-335
690'FS & 1610'FE 19-19S-23E
Grand County, Utah

EXHIBIT "G"



Scale: 1" =

by: Leonard Schuman
Powers Elevation Company, Inc.



Simplified Rig Layout

Small Location
EXHIBIT "H"

#3- Federal 335

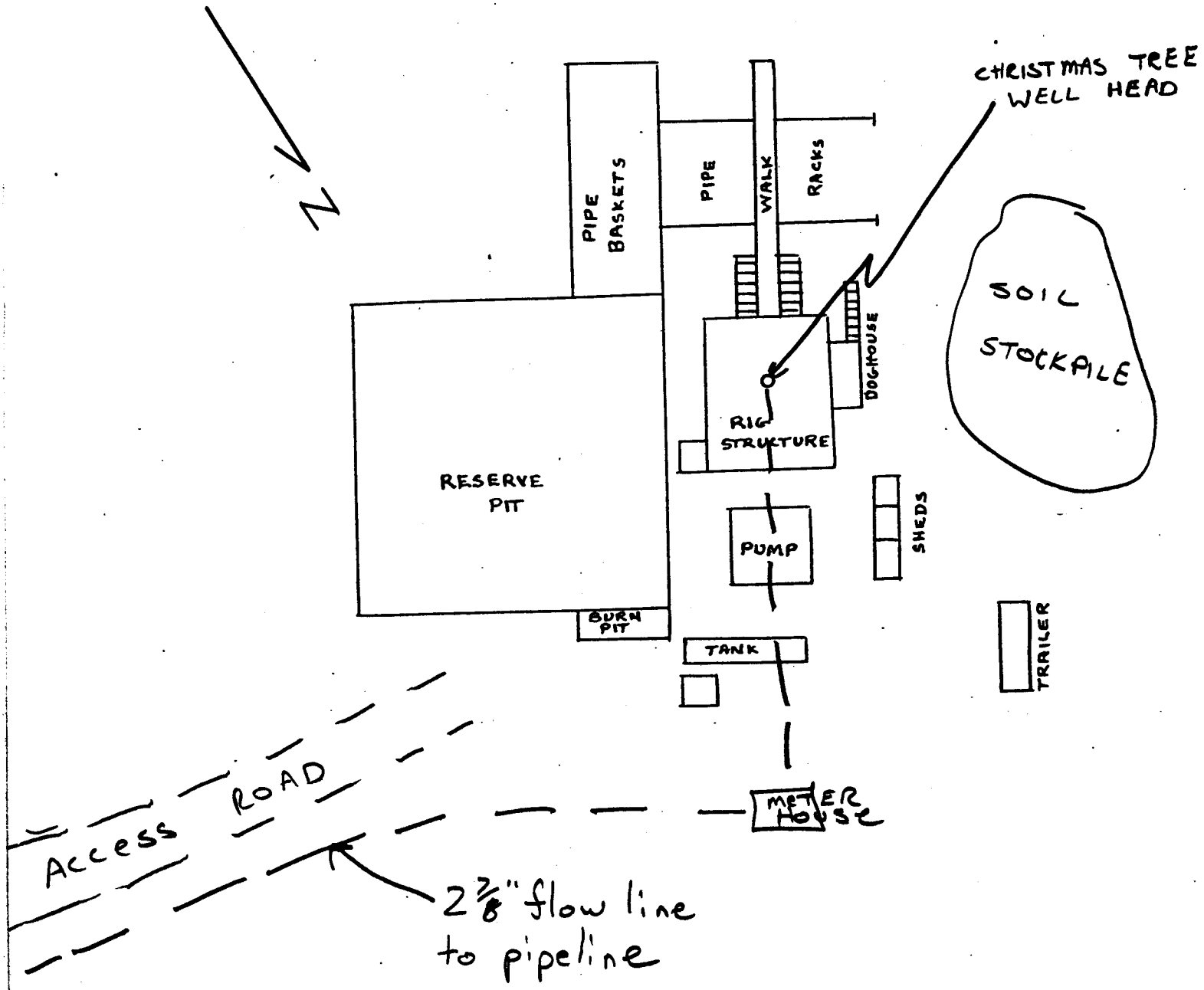


EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6
APPROVAL OF OPERATIONS

Attached to Form 9-331C
The Anschutz Corporation

(1) #1-Federal 335
(2) #2-Federal 335
Both in Section 20 T19S-R23E
(3) #3-Federal 335
(4) #4-Federal 335
Both in Section 19 T19S-R23E
All in Grand County, Utah

1. The Geologic Surface Formation

The surface is alluvial and colluvial material derived from the sedimentary formations which form the steep walls of Spring, Cottonwood, and Diamond Canyons. The formations are principally brown and gray sandstones and siltstones of the Tertiary Wasatch Formation and massive gray and buff sandstones with interbedded gray shales of the Tuscher, Farrer, Nelson and Sego Formations of the Upper Cretaceous Mesaverde Group.

2. Estimated Important Geologic Markers

See Table I

3. Estimated Depths of Anticipated Water, Oil, Gas, or Minerals

See Table II

4. The Proposed Casing Program

All three wells will run 200' of 8 5/8" new K-55, 24# casing in a 12 1/4" surface hole. Casing will be set with 180 sacks of Class G cement with return flow to the surface.

In the event of production, each well will set 4 1/2" new J-55 9.5# Production casing in a 7 7/8" hole at T.D. This will be set with 200 sacks of 50-50 Posmix with 2% Gel and 2% $CaCl_2$.

5. The Operators Minimum Specifications For Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in these wells. The BOP's will be hydraulically tested to the full working pressure after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period. The blind rams and annula preventer will be checked each time pipe is pulled out of the holes. All testings will be recorded in the daily drill sheets. Accessories to BOP's include upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of Proposed Muds

(a) It is planned that each well will be drilled with air from the base of the surface casing to the total depth. If air is abandoned, then (b) and (c) will be used.

(b) If air drilling is abandoned, then the hole will be drilled with native muds to 4000'.

(c) From 4000' to TD the hole will be drilled with Chem-Gel with the mud weighted as necessary for good hole conditions. The water loss will be kept from 8 to 12cc and the viscosity between 35 and 45.

7. The Auxilliary Equipment To Be Used

(a) A kelly cock will be kept in the string at all times.
(b) A float will be used at the bit al all times.
(c) A gas detecting device will monitor the systems.
(d) A stabbing valve will be on the floors to be stabbed into the drill pipes when kelly cock is not in the string.

8. The Testing, Logging, and Coring Programs

(a) The top 50' of porous zone in the Entrada will be tested, as will all strong, valid shows.

(b) If air drilled, an induction log will be run from TD to the base of the surface casing and gamma ray, compensated formation density, and sidewall neutron porosity logs will be run at the minimum footage. If the holes are fluid filled, a dual induction log will be run from TD to the base of the surface casing and gamma ray, compensated formation density, and compensated neutron logs will run at the minimum footage.

(c) No coring is anticipated.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal pressures or temperatures have been noted or reported in the wells drilled in this area to these depths. No hydrogen sulphide or other hazardous gases or fluids have been found reported or known to exist at these depths in this area.

10. The Anticipated Starting Date and Duration of Operations

The anticipated starting date is set for August 15, 1977, or as soon as possible after examination of the surface and approval of all drilling requirements.

The operation should be completed within 20 days after spudding the well and drilling to the casing point.

TABLE I

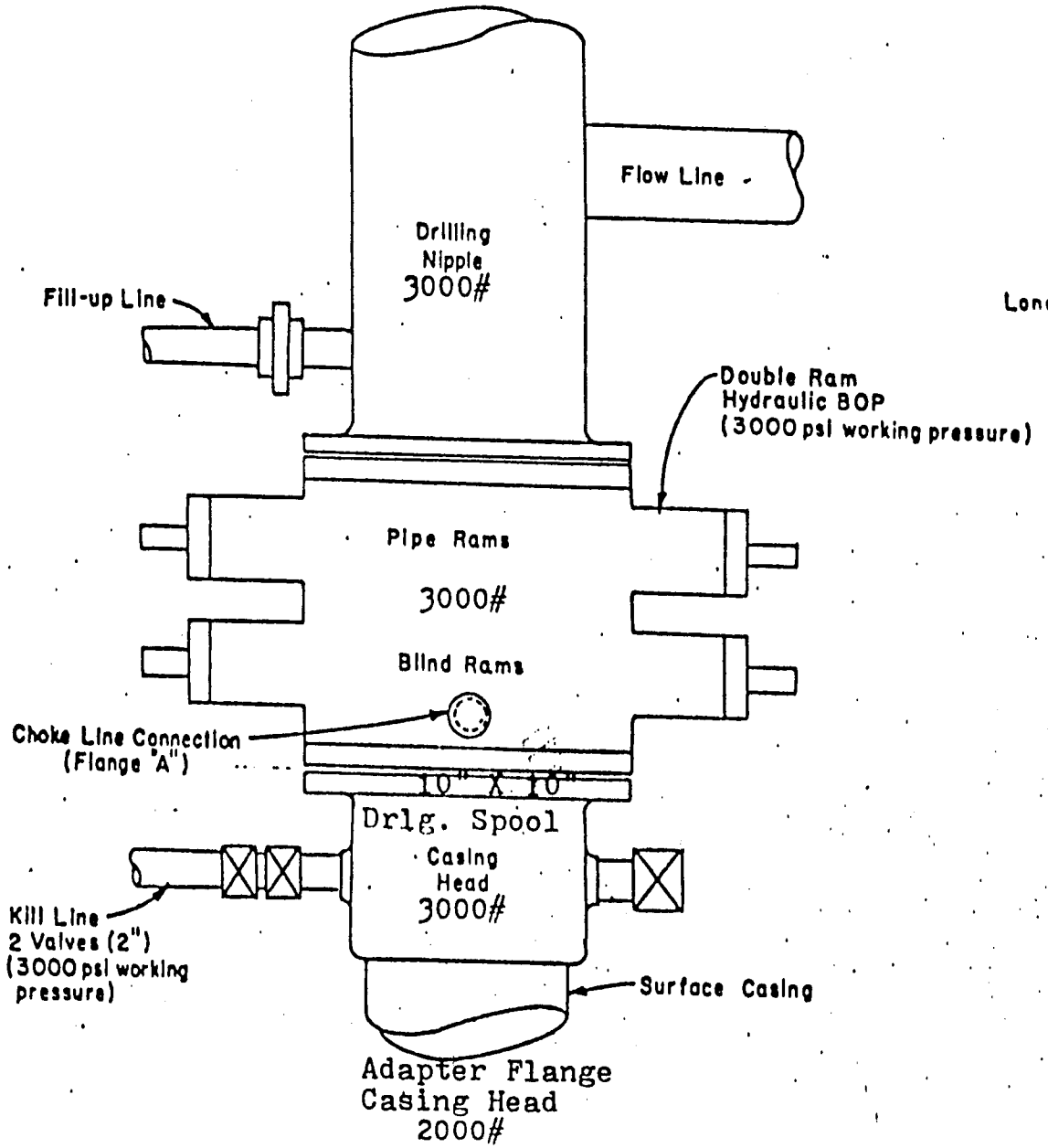
Estimated Important Geologic Markers

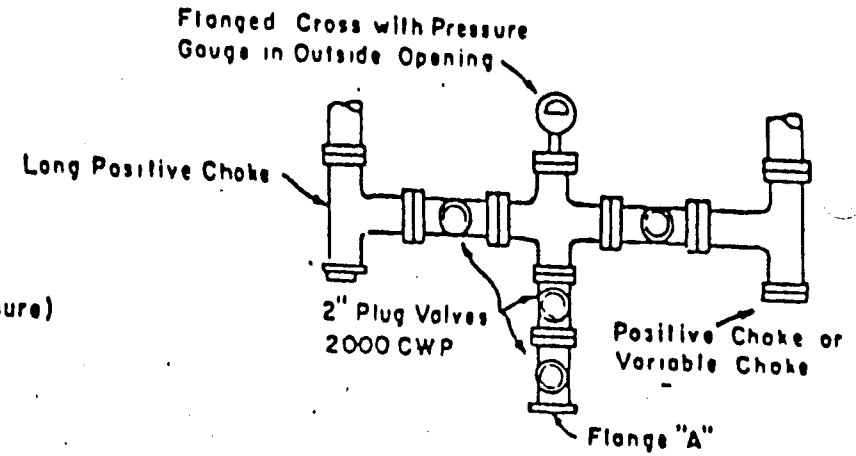
Formation	#1-Fed 335 Depth	#1-Fed 335 Elev.	#2-Fed 335 Depth	#2-Fed 335 Elev.	#3-Fed 335 Depth	#3-Fed 335 Elev.	#4-Fed 335 Depth	#4-Fed 335 Elev.
Mancos	Surface							
Dakota	2750'	+2297'	2739'	+2298'	3384'	+1827'	3237'	+1900'
Morrison	2879'	+2168"	2869'	+2168'	3514'	+1661'	3367'	+1770'
Salt Wash	2992'	+2055'	2984'	+2053'	3629'	+1546	3482'	+1655'
Entrada	3194'	+1853'	3184'	+1852'	3831'	+1344'	3684'	+1453'
ETD	3445'	+1604'	3440'	+1596'	4080'	+1095'	3934'	+1203'

TABLE II

Estimated Depths of Anticipated Water, Oil, Gas, or Minerals

Formation and Anticipated Fluid	#1-Fed 335	#2-Fed 335	#3-Fed 335	#4-Fed 335
Dakota Gas and/or Water	2750'	2739'	3384'	3237'
Morrison Gas and/or Water	2879'	2869'	3514'	3367'
Entrada Gas	3194'	3184'	3831'	3684'





PLAN VIEW - CHOKE MANIFOLD

Blowout Preventer Diagram

Anschutz Corporation

#1- Federal 335
#2- Federal 335
#3- Federal 335
#4- Federal 335

EXHIBIT "C"

EXHIBIT "D"

MULTIPOINT REQUIREMENTS TO ACCOMPANY APD

1) Federal 335
2) Federal 335 Sec. 20 T19S-R23E
3) Federal 335
4) Federal 335 Sec. 19 T19S-R23E
Grand County, Utah

1. Existing Roads

A. EXHIBIT "A" is the proposed well sites as staked by Powers Elevation Service, and the ground elevation is shown thereon.

B. EXHIBIT "E" is a color coded map prepared from the Southeastern Central Utah Map No. 2 of the Utah Travel Council, and was used because general features show more prominantly than other maps found. One travels 26 miles on I-70 from Thompson, Utah to the East Cisco exit, then 13 miles north on gravel and dirt road to the junction of Diamond Canyon, Cottonwood Canyon and Spring Canyon. Wells 3 and 4 are several hundred yards to the west of the existing road. All well sites are on gentle slopes just below the Book Cliffs. Green shows where access roads must be built.

C. EXHIBIT "F" is prepared from the 7 1/2' U. S. G. S. Flume Canyon Topographic Quadrangle. The red color shows the Existing, usable road and the corral and ranch buildings. The green color indicates the road which must be built to provide access to the location.

D. This is an exploratory well and all known existing roads in the area that could be found are shown on the map in red color. Generally, the access road is fair gravel with hard dirt in spots, and all other roads shown are generally hard packed dirt, apparently slippery when wet.

E. This is not a development well.

F. There is no plan to improve or maintain existing roads.

2. Planned Access Roads

(1) The width of the access roads into each well need not exceed 16 feet.

2. Planned Access Roads cont'd

(2),(3),(4) Maximum grade will be about 1%. There will probably be no need for turnouts or drainage design buring drilling. If production is obtained, then several culverts will be installed as needed to provide good drainage off the roads if the creek should be flowing or in the event of flash floods.

(5) No culverts will be needed. No major cut and fill is anticipated for the construction of the access roads.

(6) No surfacing materials will be needed unless production is obtained, in which case local stream gravel will be used.

(7) No gates, fence cuts, or cattleguards are needed.

(8) No center line flagging is necessary.

3. Location of Existing Wells

These are exploratory wells, and the best current status of wells within a two mile radius is given in Exhibit "F".

(1) No known water wells exist in the area.

(2) As shown in Exhibit "F", there are dry holes in Section 12 and Section 13 of T19S-R22E.

(3),(4),(5),(6),(7),(8),(9) There are no known temporarily abandoned, disposal or drilling wells in the area as well as no producing, shut-in, injection or observation wells.

4. Location of Existing and/or Proposed Facilities

A. There are no existing facilities owned or controlled by operator within a 1 mile radius of the location. However, a gas pipeline owned by Northwest Pipeline runs through Diamond Canyon and at the junction of the three canyons and runs along wells 3 and 4. The planned access roads will run over the pipeline.

B. (1) Exhibit "H" shows all anticipated drilling and production facilities.

(2) The dimensions of the facilities shown on Exhibit "H" are roughly drawn to a scale of 1 inch=50 feet.

(3) No materials other than that available on locations are anticipated to be needed for construction.

4. Location of Existing and/or Proposed Facilities cont'd

(4) Rehabilitation, whether the wells are productive or dry, will be made on unused areas as soon as possible in accordance with plans drafted in Item 10 following. No water production is anticipated which would require flagging.

C. See Item 10 that follows for restoration plans.

5. Water Supply

A. It is anticipated that the wells will be drilled with air to T. D. However, if necessary water may be obtained for drilling purposes by constructing a shallow backwater pool in the small perennial streams found in the upper reaches of either Diamond Canyon or Cottonwood Canyon. No new roads will have to be constructed for access. The construction of the pool and the accompanying requirements in terms of permission will be left up to the drilling contractor. The only other feasible water source known is the Colorado River approximately 30 miles away.

B. Transportation of any water used will be by trucks on existing roads or by pipeline, depending on the water source selected.

C. No water well will be drilled.

6. Construction Materials

A., B., C., D. No construction materials are needed for drilling operations. The sand, gravel and rock located in sites are adequate for any construction necessary in connection with either dry or producing wells. There is no access route needed for crossing Indian land. The access route for crossing Federal land is shown in green in Exhibit "E".

7. Handling Waste Disposals

(1) Drill cuttings will be buried in the reserve pits when covered.

(2) Drilling fluids will also be handled in the reserve pits.

7. Handling Waste Disposals cont'd

(3) Any fluids produced while drill stem testing or producing or other testing will be collected in a test tank set near the pipe baskets or near the well head. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.

(4) Any sewage will be covered or removed.

(5) Garbage, wastes and non-flammable wastes, salts and other chemicals produced or used during drilling or testing will be handled in the reserve pits or kept in the trash or burn pits. The trash or burn pits will be covered with small wire mesh to prevent scattering.

(6) The reserve pits, in addition to the trash or burn pits, will be fenced on three sides during drilling operations, and iron or other posts and wire fencing will be available on location immediately upon cessation of drilling and the fourth side of the reserve pits will be fenced prior to full removal of the rig from the location. Any other dangerous or harmful pits or sewage areas will also be fenced or covered at the time rig moves off location.

8. Ancillary Facilities

No airstrips, camps, or other living facilities will be built or needed.

9. Well Site Layout

(1) Exhibit "G" are the drill pad layouts as staked by Powers Elevation Company. Elevation contours have been drawn on the plat by Cooper. The cut-fill cross sections A-A' have been drawn from these contours. The placement of the 6 inch surface soil banks are also shown on these plats.

(2) The mud tanks, pits, rig orientation, etc. is shown on Exhibit "H". If the wells are drilled by air, these facilties may change accordingly.

(3) Exhibit "H" also shows rig orientation parking and road into drill pads.

(4) The reserve pits will not be lined. Steel mud pits, if used, will be as shown in Exhibit "H".

10. Plans for Restoration

(1) Backfilling, leveling and contouring will be accomplished as soon as possible after plugging of the wells, or immediately on those areas unused if production is obtained. Waste disposal and spoils materials will be buried or hauled away immediately before rig moves off locations.

(2) Rehabilitation will be accomplished by spreading the banked topsoil over the area and contouring the banks that will be created in this heavily eroded area so that vegetation planted will be best protected from erosion. Revegetation will be accomplished using grasses or mixtures suited best for the dry, arid conditions encountered here. The access roads will be revegetated as needed, but it may be preserved for continued use as local access which is currently unavailable.

(3) Prior to rig release, the fourth side of the reserve pits will be fenced and maintained until clean up operations are finished.

(4) Any oil or spills will be immediately cleaned up or flagged.

(5) Rehabilitation operations will commence as soon as the rigs move off locations. However, revegetation will be delayed until the fall of 1977 or the spring of 1978 for optimum growth potential.

11. Other Information

(1) The locations are situated at the base of the Book Cliffs. Long, narrow canyons, the majority of which carry only intermittent stream flow, form the chief topographic features. This area receives very little annual precipitation, but is nevertheless subject to flash flooding. The canyon bottoms are predominantly alluvial or colluvial material consisting of poorly sorted boulders, gravel and sand. The soil, such as it is, is formed from this material and is primarily derived from the Tertiary Wasatch and Upper Cretaceous Mesaverde formations. The Wasatch formation is principally a brown and gray sandstone and siltstone and the Mesaverde Group is composed mainly of massive gray and buff sandstones and interbedded gray shales. Refer to Item 1 of Exhibit "B". Vehicles cannot negotiate the steep canyon walls formed by these resistant rocks.

11. Other Information cont'd

The flora consists mainly of Artemisia tridentata, Artemisia filifolia, Juniperus monosperma, Tamarix gallica, Atriplex confertifolia, Salsola kali, and Rhus aromatica in places. The vegetation constitutes approximately 30-50% of the ground cover. The remaining exposed soils material is highly erodible. The observed animal population is domesticated sheep and cattle and a few deer and rabbits. Other wildlife indigenous to a rugged, semiarid environment is presumed to exist.

(2) Grazing is the only observed surface use in this area. The surface ownership of the locations is entirely Federal, and access across private lands on existing roads has already been approved.

(3) Water, if needed if air drilling is discontinued, poses no problem provided that one of the small streams mentioned in Item 5 A above can be backed up to form a pool 2 to 6 feet in depth. There are no occupied dwellings noted, nor are there any observable archaeological, historical or cultural sites in this area. The archaeological report has been done by Dr. Dale Berge, of Brigham Young University.

The commencement of this well is planned for approximately August 15, 1977 and should drill to the casing point in 20 days or less.

12. Lessee's or Operators Representative

Mr. George H. Fentress
Environmental Engineering Co.
Agent Consultant for The
Anschutz Corporation
1645 Court Place, #229
Denver, CO 80202

Phone: (303) 825-0561
Res: (303) 279-4880

Mr. Wayne Pierce
The Anschutz Corporation, Inc.
1110 Denver Club Building
Denver, CO 80202

Phone: (303) 573-5665
Res: (303) 794-3860

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the Anschutz Corporation, Inc. and its contractors and sub-contractors in conformity with this plan and their terms and conditions under which it is approved.

Date: July 8, 1977

George H. Fentress

Name: George H. Fentress
Title: Agent Consultant for

EXHIBIT "E"

Access road map into locations

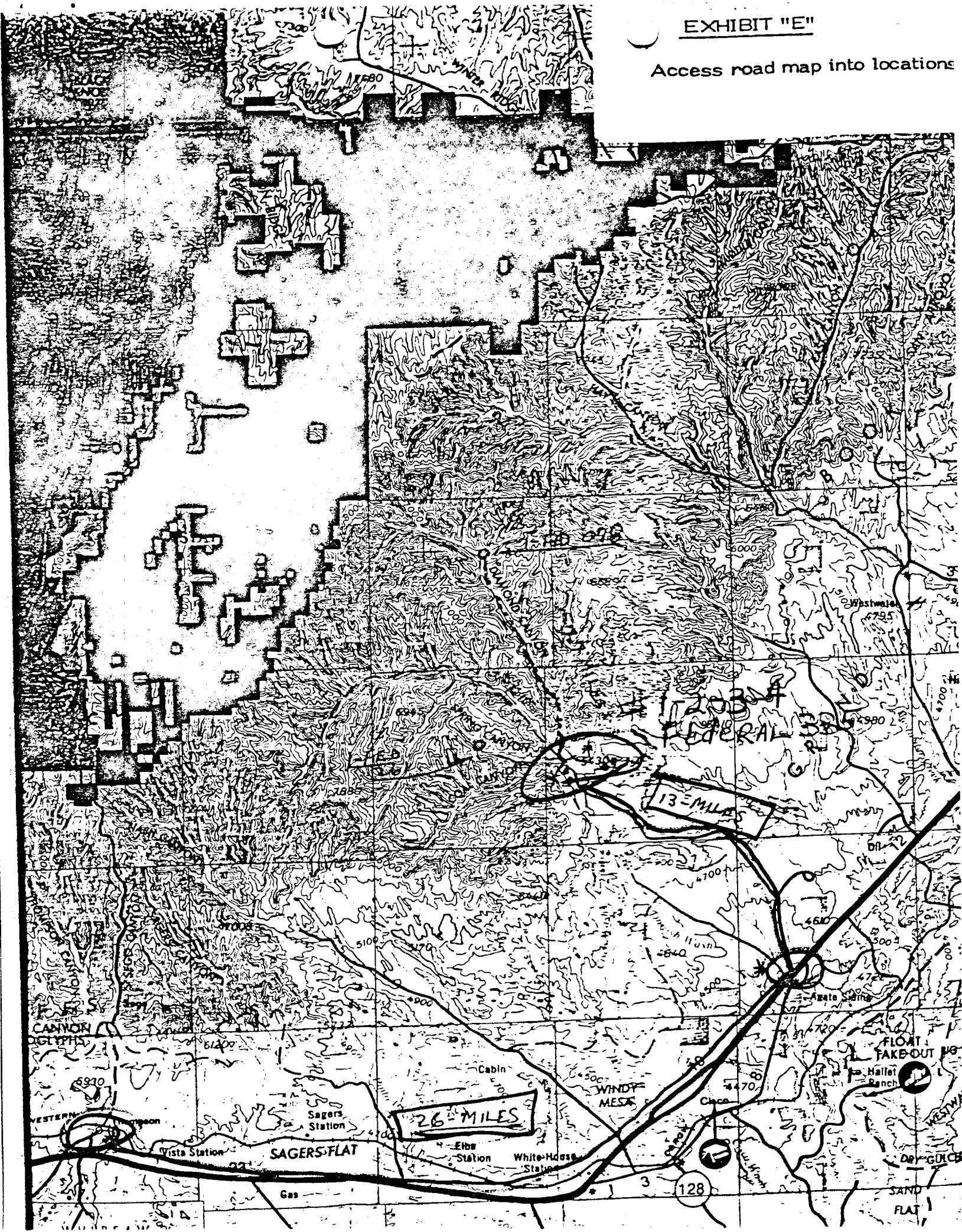
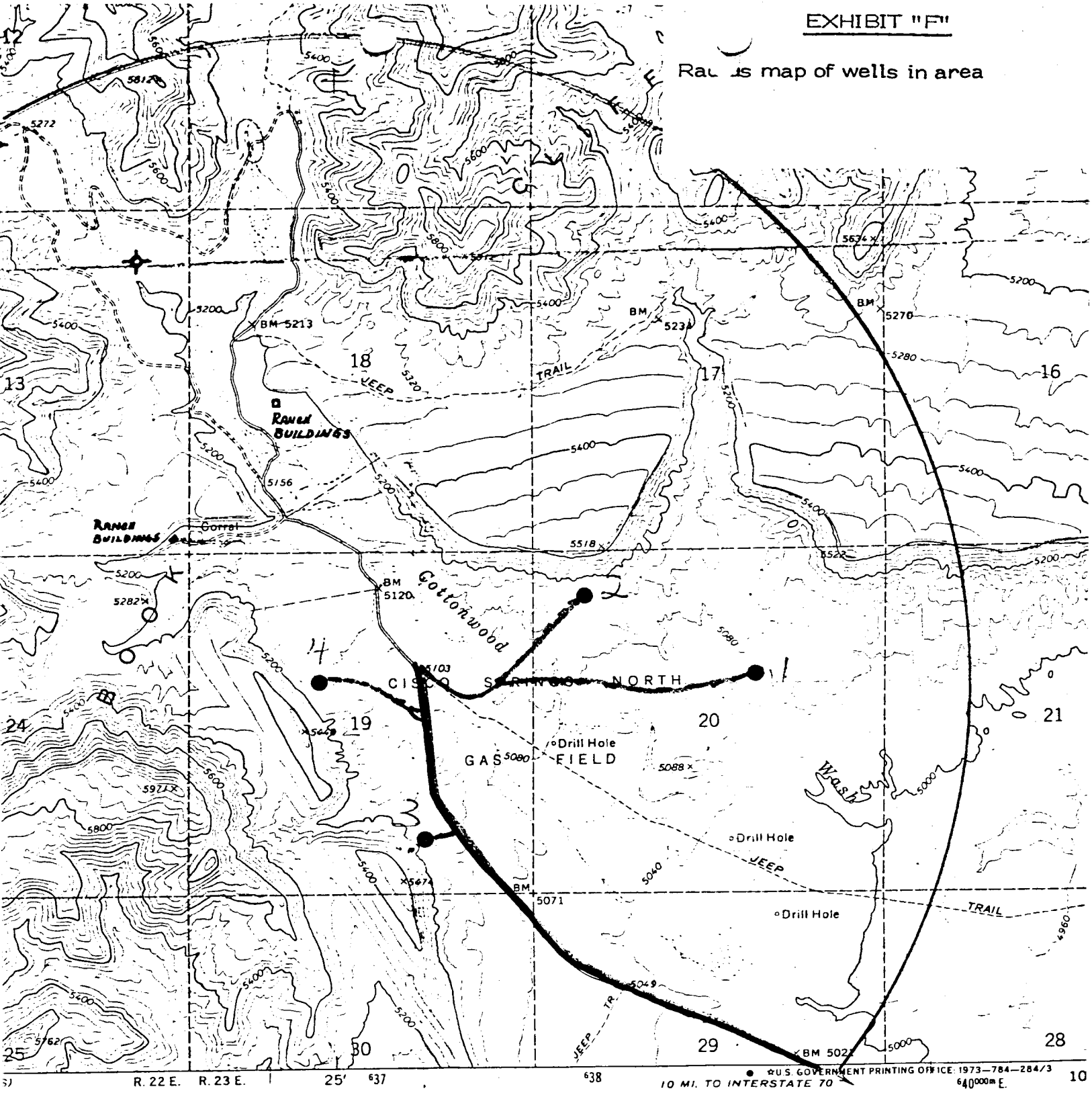


EXHIBIT "F"

Radius map of wells in area



1 MILE

4000 5000 6000 7000 FEET

1 KILOMETER

10 FEET
OOT CONTOURS
LEVEL

UTAH

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface

Secondary highway, hard surface

Light duty road, hard or improved surface

Unimproved road

Interstate Route U. S. Route State Route

FLUME CANYON, UT.
N3907.5—W10922.5/7.5

1970

AMS 4162 III NW—SERIES V897

P ACCURACY STANDARDS
RADO 80225, OR WASHINGTON, D. C. 20242
YMBOLS IS AVAILABLE ON REQUEST

☆U.S. GOVERNMENT PRINTING OFFICE: 1973—784—284/3

ENVIRONMENTAL ENGINEERING COMPANY
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Casper, Wyoming 82601
Phone (307) 234-6186

1645 Court Place
Suite 229
Denver, Colorado 80202
Phone (303) 892-1506

July 19, 1977

Cleon Feight
Utah Oil & Gas $ Mining
1588 West, North Temple
Salt Lake City, Utah 84116

RE: Permits to drill
Anschutz Corporation
Various wells
Grand Co., Utah

Dear Cleon:

Enclosed are several items on the above with comments or questions, as follows:

(1) REVISED TYPE OF WORK ON 9-331C AND ACRES ASSIGNED:
On Anschutz #1 & #2 Federal 675 and #1 Federal 104, and
#1, #2, #3 and #4 Federal 335
AMEND TO READ: "Oil Well or Gas Well" "single or multiple zones" (1a and 1b).
"40-acres or 80-acres, if an oil well", and
"160-acres or as spaced, if gas well, and to not produce from same gas zone horizon of any other gas wells within the spacing unit area" (#17 on 9-331C).

Revised copies of Form 9-331 C are enclosed for changes.

(2) ANSCHUTZ #1, #2, #3 and #4 FEDERAL 335:

It is possible I have not sent you applications for permission to drill the four wells. Therefore these applications are enclosed, together with location plats and maps.

(3) STATUS OF REQUESTS TO DRILL BY ANSCHUTZ:

I enclose a three-page status sheet of wells ready or being prepared to drill by Anschutz, on which I have worked. Would you kindly examine this report and advise me of any changes from this or any reports that you might need. I believe all these wells have now been filed with you now, and, I am wanting to make certain that Utah has approved, or is about to approve, all of these locations as noted.

I am most appreciative of all the help you have given us there in the Oil, Gas and Mining Division.

Best wishes!

George H. Fentress
Agent Consultant Anschutz

cc. Anschutz

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 22-

Operator: Anschutz Corporation

Well No: #3 Federal 33S

Location: Sec. 19 T. 19S R. 23E County: Grand

File Prepared [✓] Entered on N.I.D. [✓] API ✓

Card Indexed [✓] Completion Sheet [✓]

CHECKED BY:

Administrative Assistant [illegible]

Remarks: No other wells in Sec. 19

Petroleum Engineer [illegible]

Remarks:

Director [illegible]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required [illegible] Survey Plat Required [ ]

Order No. 102-5 [✓] Surface Casing Change [ ] to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [ ]

O.K. Rule C-3 [ ] O.K. In _____ Unit [ ]

Other:

Upon Effect

[✓] Letter Written/~~Approved~~

July 27, 1977

Anschutz Corporation
1110 Denver Club Building
Denver, Colorado

Re: Well No's:
#3 Federal 335, #4 Federal 335
Sec. 19, T. 19 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are:

#3-335: 43-019-30383 #4-335: 43-019-30384

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

THE ANSCHUTZ CORPORATION

1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303—573-5665

September 16, 1977

State of Utah Oil, Gas & Mining Division
Department of Natural Resources
1588 W. North Temple
Salt Lake City, Utah 84114

Attn: Mr. Cleon B. Feight

Re: Cottonwood Field
T-19-S, R-23-E
Section 19 & 20
#1 through 4 Federal 335
Grand County, Utah

Gentlemen:

Confirming our telecom, it is our current intention to drill the captioned wells under Field Rule 1 - 2 of Cause 102-5 in relation to the #1 Jouflas in the NW¼SW¼ of Section 19, Township 19 South, Range 23 East.

Very truly yours,

THE ANSCHUTZ CORPORATION

Carroll A. Wilson
Land Manager

CAW/bf

ATTACHMENT 2-A

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

EIA NO. 617

DATE 8-3-72

OPERATOR Anschutz

LEASE # U 14335-0

WELL NO. 3 Fed 335

LOC. ¼ SW¼ SE SEC. 19

T. 19S R. 23E

COUNTY Grand STATE Ut

FIELD

USGS Cook

BLM Crunett

REP: Fentress

DIRT

[O] ENHANCES

[ ] NO IMPACT

[/] MINOR IMPACT

[X] MAJOR IMPACT

			Construction				Pollution				Drilling Production						Transport Operations			Accidents		Others
			Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use	Forestry	NA																				
	Grazing	✓	/		/		/	/			/			/			/			/	/	
	Wilderness	NA																				
	Agriculture	NA																				
	Residential-Commercial	NA																				
	Mineral Extraction	NA																				
	Recreation	✓	O		/		/	/			/			/			/			/	/	
	Scenic Views	✓	/		/		/	/			/			/			/			/	/	
	Parks, Reserves, Monuments	NA																				
	Historical Sites		none known																			
	Unique Physical Features	NA																				
Flora & Fauna	Birds	✓	/		/		/	/			/			/			/			/	/	
	Land Animals	✓	/		/		/	/			/			/			/			/	/	
	Fish	NA																				
	Endangered Species		none known																			
	Trees, Grass, Etc.	✓	/		/		/	/			/						/			/	/	
Phy. Charact.	Surface Water	NA																				
	Underground Water	?																				
	Air Quality	✓					/				/						/					
	Erosion	✓	/		/		/	/									/			/	/	
	Other																					
	Effect On Local Economy	✓	O		O						O						O					
	Safety & Health	✓	/		/		/	/			/						/			/	/	
	Others		c	c	✓ B. Lm, Dept of Cons. & Ele				Mail, Nat. & Res. Mgr.					O.G.&M.S.C								

Loc moved 90' N 60° E

EIA NO. 617

LEASE U-14335 DATE 8-3-77

WELL NO. 3 Federal 33S-

LOCATION: SW ¼ SE ¼, SEC. 19, T. 19S, R. 23E,

FIELD _____ COUNTY Grand STATE Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Anschutz Corporation (COMPANY) PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 11080 FT. TD. 2) TO CONSTRUCT A DRILL PAD 125 FT. X 200 FT. AND A RESERVE PIT 50 FT. X 50 FT. 3) TO CONSTRUCT 16 FT. WIDE X ⅛ MILES ACCESS ROAD AND UPGRADE _____ FT. WIDE X _____ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT ☑ GAS ☐ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD AND ☐ TRUCK ☐ TRANSPORT THE PRODUCTION ~~THROUGH A PIPELINE TO A TIE IN IN SECTION _____, T. _____, R. _____.~~

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ☑ ROLLING HILLS ☐ DISSECTED TOPOGRAPHY ☑ DESSERT OR PLAINS ☐ STEEP CANYON SIDES ☐ NARROW CANYON FLOORS ☐ DEEP DRAINAGE IN AREA ☐ SURFACE WATER _____

(2) VEGETATION: ☑ SAGEBRUSH ☑ PINION-JUNIPER ☐ PINE/FIR ☐ FARMLAND (CULTIVATED) ☐ NATIVE GRASSES ☐ OTHER _____

(3) WILDLIFE: [✓] DEER [ ] ANTELOPE [ ] ELK [ ] BEAR [✓] SMALL MAMMAL [✓] BIRDS [ ] ENDANGERED SPECIES [ ] OTHER _____

(4) LAND USE: [✓] RECREATION [✓] LIVESTOCK GRAZING [ ] AGRICULTURE [ ] MINING [ ] INDUSTRIAL [ ] RESIDENTIAL [✓] OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR Oil & Gas Leasing Program
~~USFS EAR~~ Grand Resource Area 8-13-1975
~~OTHER ENVIRONMENTAL ANALYSIS~~

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6) Possible erosion due to steep sidehill cuts.

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED 90 ft North 60° East TO AVOID

[x] LARGE SIDEHILL CUTS [ ] NATURAL DRAINAGE [ ] OTHER

4)

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. DETERMINATION:

(THIS REQUESTED ACTION ~~IS~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 8-3-77

INSPECTOR L. L. Cook

U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATIONS
SALT LAKE CITY DISTRICT

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Anschutz Corp. No. 3 Fed. 335	690 FSL; 1,610 FEL, Sec. 19, T. 19S., R. 23E., SLM, Grand County, Utah	U-14335

1. Stratigraphy and Potential Oil and Gas Horizons. Proposed TD of 4,080' will collar in Mancos (or alluvium ?) and test the Dakota, Morrison, and Entrada for gas and oil. Estimated critical tops are: 3,380'-Dakota; 3,510'-Morrison; 3,630'-Salt Wash; and 3,830' Entrada

2. Fresh Water Sands. Water suitable for livestock may be encountered in upper few hundred feet of Mancos where unit is fractured and (or) sandy.

3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) None

4. Possible Lost Circulation Zones. Dakota, Burrough Canyon, Brushy Basin, Salt Wash SS, and Entrada pays.

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Insufficient data

6. Possible Abnormal Pressure Zones and Temperature Gradients. Only normal to depth and to the $\underset{g,l}{\rightleftharpoons}$ T, P conditions are anticipated.

7. Competency of Beds at Proposed Casing Setting Points. Probably adequate for APD casing program

8. Additional Logs or Samples Needed. APD logging program is adequate

9. References and Remarks USGS Files, SLC, UT.

Date: 07-27-77 Signed: Donald C. Alvord

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-14335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

7. UNIT AGREEMENT NAME:

b. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ OTHER — SINGLE ZONE ☐ MULTIPLE ZONE ☒

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: The Anschutz Corporation

9. WELL NO.: #3-Federal 335

3. ADDRESS OF OPERATOR: 1110 Denver Club Building, Denver, Colorado 80202

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~735~~ 690' FSL, ~~1533~~ 1610' FEL
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 19-T19S-R23E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 39 miles from Thompson, Utah (Exhibit "E")

12. COUNTY OR PARISH: Grand — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 690' FSL

16. NO. OF ACRES IN LEASE: 874.20

17. NO. OF ACRES ASSIGNED TO THIS WELL: 160 A

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 4080'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5169' ungraded ground elevation

22. APPROX. DATE WORK WILL START*: 15, Aug., 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	180 sacks
7 7/8"	4 1/2"	9.5#	4080'	200 sacks

1. Drill 12 1/4" hole to 200' and set surface casing.
2. Drill 8 5/8" hole to T. D.
3. Log B. O. P. tests daily.
4. Run electric logs; if productive, run 4 1/2" casing.

Exhibits Attached

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blow-out Preventer Diagram
"D" The Multi-point Requirement for A. P. D.
"E" Access Road Map into Location
"F" Radius Map of Wells in Area
"G" Drill Pad Layout, Contours, and Cut-Fill Section
"H" Drill Rig and Production Facilities Layout

RECEIVED
OCT 3 1977
DIVISION OF OIL, GAS, & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED George H. Fentress — TITLE Agent Consultant for The Anschutz Corporation — DATE July 8, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN — TITLE DISTRICT ENGINEER — DATE _____

CONDITIONS OF APPROVAL, IF ANY:

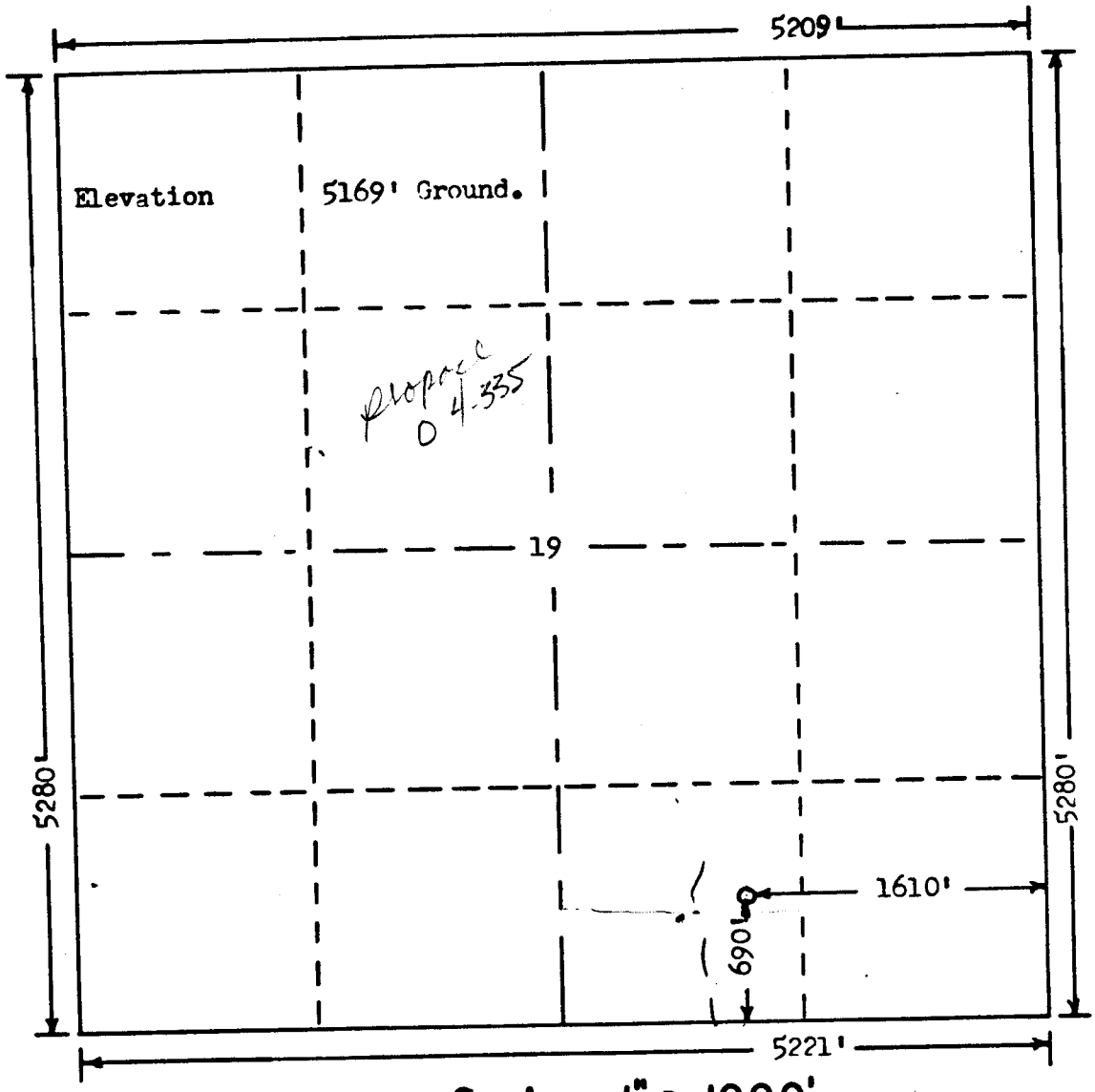
approval notice, Utah State O. G. & M.

*See Instructions On Reverse Side

EXHIBIT "A"

FORM F-106

R. 23 E.



N

T. 19 S.

Scale··· 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from George Fentress for Anschutz Corporation determined the location of #3 Federal-335 to be 690'FS & 1610'FE Section 19 Township 19 S. Range 23 E. of the Salt Lake Base and Meridian Grand County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of #3 Federal-335

Date: 6-22-77

T Nelson

Licensed Land Surveyor No. 2711
State of Utah

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
1110 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SW SE Sec.15 T.19S, R.23E, SLM
735' FSL, 1533'FEL

5. LEASE DESIGNATION AND SERIAL NO.
71-014335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal 335

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW SE Sec. 15 T.19S R. 23E, SLM

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. PERMIT NO.
API #43-019-3083

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐ REPAIRING WELL
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐ ALTERING CASING
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐ ABANDONMENT*
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)	
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was drilled to a total depth of 3790' KB in the Entrada fm. Electric logs were run to total depth. No potential pay zones were indicated on logs. Cores were taken from 3000' to 3050'. It is our intent to plug and abandon the well setting plugs as follows:

Depth	Cement
3700-3790'	19 sx
3200-3300'	21 sx
2800'-2950'	32 sx
150- 225'	23 sx
Surface w/marker	5 sx

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: July 28, 1978
BY: P. L. Driscoll

18. I hereby certify that the foregoing is true and correct

SIGNED W. Lee Kuhre W. Lee Kuhre TITLE Operations Coordinator DATE February 20, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Duplicate

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
1110 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SW SE Sec. 19 - T.19S, R.23E, SLM
735' FSL 1533' FEL

5. LEASE DESIGNATION AND SERIAL NO.
71-014335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
---

7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME
Federal 335

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW SE Sec.19 T.19S-R.23E SLM

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. PERMIT NO.
API #43-019-30383

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5169' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was drilled to a total depth of 3790' KB in the Entrada fm. Electric logs were run to total dpeth. No potential pay zones were indicated on logs. Cores were taken from 3000' to 3050'. 218' of surface casing was left in the hole. The well was loaded with 9 lbs/gal mud and plugged on 2-15-78, setting plugs as follows:

Depth	Cement
3700-3790'	19 sx
3200-3300'	21 sx
2800-2950'	32 sx
150- 225'	23 sx
Surface w/mkr	

Oral plugging approval was given on 2-13-78 at 4:15 P.M. by E. W. Guynn to Loren Wells. The rathole, mousehole and cellar have been filled in. Trash has been removed. Because of snow, surface restoration must be delayed. Notification will be given when this work is completed.

18. I hereby certify that the foregoing is true and correct

SIGNED W. Lee Kuhre TITLE Operations Coordinator DATE February 20, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE MAY 26 1981

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

OPERATOR

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
JUL 25 1978
DIVISION OF OIL, GAS, & MINING

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: The Anshcutz Corporation

3. ADDRESS OF OPERATOR: 1110 Denver Club Building

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: SW SE Sec. 19-T.19S-R.23E SLM
At top prod. interval reported below: 735' FSL, 1533 FEL
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: 71-014335
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ----------
7. UNIT AGREEMENT NAME: ----------
8. FARM OR LEASE NAME: Federal 335
9. WELL NO.: 3
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW SE Sec. 19 T.19S, R. 23E.

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
----------	9-30-77	Grand	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-27-78	2-13-78	P&A 2-15-78	5169' GR 5178' KB	--------

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3794	----------	----------	→	0-3794	------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: IES, GR density and CNL logs

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24	218'	11"	75 sx	----------

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. Lee Kuhre TITLE Operations Coordinator DATE 3-2-78

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Hole drilled with air and mist Surf-3583'
			Hole drilled with mud 3583- T.D.
			Cores: #1 3000' to 3030', Dakota
			#2 3030' to 3060', Dakota
			No tests

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Moncos	Surface	
B. Dakota Silt	2932'	
Dakota	2974'	
Morrison	3081'	
Salt Wash	3396'	
Summerville	3650'	
Entrada	3704'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

THE ANSCHUTZ CORPORATION

2400 ANACONDA TOWER · 555 SEVENTEENTH STREET · DENVER, COLORADO 80202 · 303-825-6100

October 3, 1978

Mr. Edgar Guynn
District Engineer
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Re: Federal 335 No. 3
Sec. 19, T.19S-R.23E
Grand County, Utah

Dear Mr. Guynn:

Enclosed please find a Sundry Notice for the referenced well submitted in triplicate.

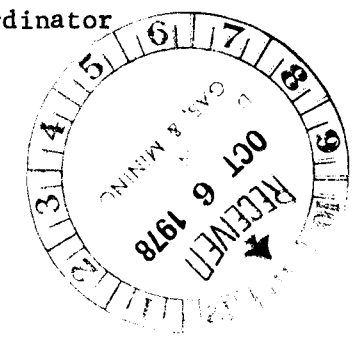
If you have any questions, please do not hesitate to contact us.

Thank you.

Cordially,

Peter B. Doty
Production Coordinator

PBD/mle
Enclosures:
cc: Utah O & G Commission



Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
555-17th Street, 2400 Anaconda Tower, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
735' FSL, 1533' FEL

5. LEASE DESIGNATION AND SERIAL NO.
U-14335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal 335

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T.19S-R.23E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5169' GL

12. COUNTY OR PARISH
Grand

13. STATE
Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Restoration			XX
(Other)	☐			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Recontouring, ripping and seeding of this location and access road has been completed and is ready for inspection. Restoration work is completed pending approval.

18. I hereby certify that the foregoing is true and correct

SIGNED Peter B. Doty TITLE Production Coordinator DATE October 3, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side